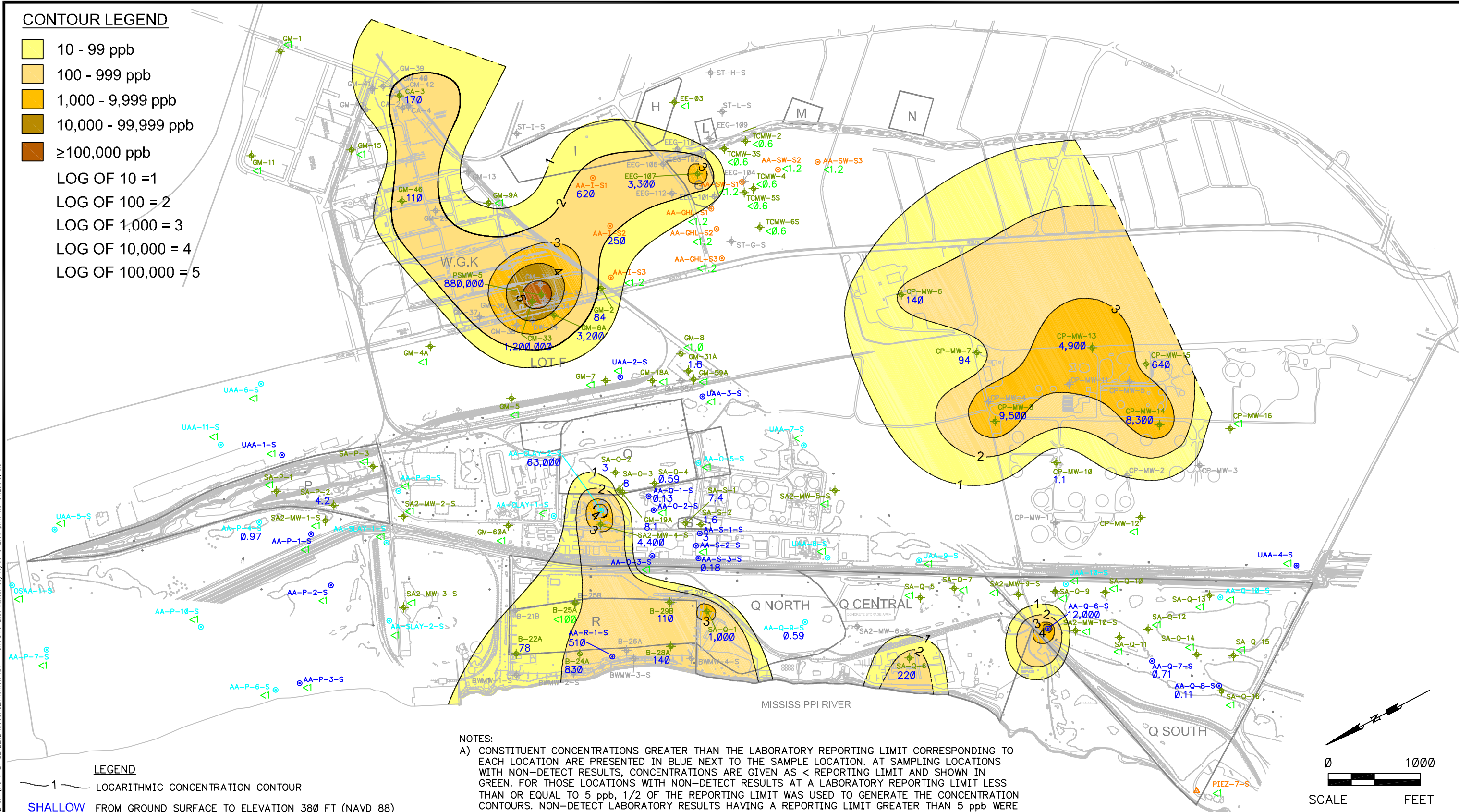


File: P:\ENVIRONMENTAL\SAUGET AREA 1 RI REPORT\FIG 5-21 BENZENE ISOCONCENTRATION MAP - SHU.DWG Last edited: 09/10/09 @ 2:06 p.m. WC-ST.LOUIS, MO

CONTOUR LEGEND

- 10 - 99 ppb
  - 100 - 999 ppb
  - 1,000 - 9,999 ppb
  - 10,000 - 99,999 ppb
  - ≥100,000 ppb
- LOG OF 10 = 1  
LOG OF 100 = 2  
LOG OF 1,000 = 3  
LOG OF 10,000 = 4  
LOG OF 100,000 = 5



LEGEND

- 1 LOGARITHMIC CONCENTRATION CONTOUR
- SHALLOW FROM GROUND SURFACE TO ELEVATION 380 FT (NAVD 88)
- PIEZOMETER CLUSTER (2004 SA2 RI)
- GROUNDWATER PROFILING LOCATION (2004 SA2 RI)
- GROUNDWATER PROFILING LOCATION (2005/2006 SA2 SUPPLEMENTAL INVESTIGATION PHASE 1 AND 2)
- GROUNDWATER PROFILING LOCATION (SA1)
- MONITORING WELL LOCATIONS

NOTES:

- A) CONSTITUENT CONCENTRATIONS GREATER THAN THE LABORATORY REPORTING LIMIT CORRESPONDING TO EACH LOCATION ARE PRESENTED IN BLUE NEXT TO THE SAMPLE LOCATION. AT SAMPLING LOCATIONS WITH NON-DETECT RESULTS, CONCENTRATIONS ARE GIVEN AS < REPORTING LIMIT AND SHOWN IN GREEN. FOR THOSE LOCATIONS WITH NON-DETECT RESULTS AT A LABORATORY REPORTING LIMIT LESS THAN OR EQUAL TO 5 ppb, 1/2 OF THE REPORTING LIMIT WAS USED TO GENERATE THE CONCENTRATION CONTOURS. NON-DETECT LABORATORY RESULTS HAVING A REPORTING LIMIT GREATER THAN 5 ppb WERE NOT USED TO GENERATE THE CONCENTRATION CONTOURS.
- B) LOCATIONS THAT ARE GREY SCALED ARE LOCATED WITHIN THIS HYDROLOGIC UNIT, BUT WERE NOT SAMPLED.
- C) THE BASE-10 LOGARITHM OF EACH CONCENTRATION WAS USED TO GENERATE THE CONTOUR LINES.
- D) PRELIMINARY, SOFTWARE-GENERATED DRAFT. EDITED BASED ON PROFESSIONAL JUDGEMENT.
- E) AT LOCATIONS WITH MULTIPLE SAMPLES, THE HIGHEST CONCENTRATION WAS USED.

SAUGET AREA 1  
REMEDIAL INVESTIGATION REPORT  
SAUGET AND CAHOKIA, ILLINOIS

PROJECT NO.  
21562123

URS

DRN. BY: lrm 6/11/09  
DSGN. BY: ekf  
CHKD. BY:

Benzene  
Isoconcentration Map-SHU

FIG. NO.  
5-21